

XP-002088212

1/1 - (C) WPI / DERWENT
AN - 97-391022 c36!
AP - JP950349339 951220
PR - JP950349339 951220
TI - Lamps loaded with photocatalyst - has silicone resin
adhesive layer between photocatalyst layer and
container surface
IW - LAMP LOAD PHOTOCATALYST SILICONE RESIN ADHESIVE LAYER
PHOTOCATALYST LAYER CONTAINER SURFACE
PA - (NIPS) NIPPON SODA CO
- (TOKE) TOSHIBA LIGHTTECH KK
PN - JP9171801 A 970630 DW9736 H01J61/35 008pp
ORD - 1997-06-30
IC - A61L2/10 ; A61L9/01 ; C09J11/04 ; C09J133/06 ;
C09J183/04 ; H01J61/35 ; H01K1/32
FS - CPI;GMPI;EPI
DC - A85 D22 E37 G03 L03 P34 S05 X26 X27
AB - J09171801 A lamp loaded with a photocatalyst on its
containers which radiates UV besides other light has a
structure where an adhesive layer (3) is placed between
a photocatalyst layer (2) and the surface of the
container (1). The adhesive layer is made of a silicone
resin having 20-60 weight % of Si content, a resin
having 3-60 weight % of polysiloxane, or a resin
containing 5-40 weight % of colloidal silica. The
photo-catalyst layer is made of photo-catalyst
composite particles which contain 25-95 weight % of
metal oxide gel or metal hydroxide gel.
- USE - Used in hospitals, offices, factories, or
highways where deodorising, sterilising or
anti-staining functions are required besides lighting.
- ADVANTAGE - The photocatalyst has a higher catalytic
activity, having a higher light transmittance and a
higher durability.
- (Dwg.4/7)